

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-16. (Cancelled)

17. (Currently Amended) a solid support comprising:

- a. A substrate;
- b. An electrostatic layer comprising a positively charged compound on the substrate; and
- c. A chemically modifying layer on the electrostatic layer making it possible to introduce a functional group capable of covalently binding to a nucleic acid molecule; and
- d. A nucleic acid molecule bonded covalently to the chemically modifying layer.

18. (Previously Presented) The solid support according to claim 17, wherein the chemically modifying layer contains a carboxyl group.

19. (Previously Presented) The solid support according to claim 17, wherein the electrostatic layer includes an amino group-containing compound that does not covalently bond to the substrate.

20. (Previously Presented) The solid support according to claim 17, wherein the electrostatic layer includes an amino group-containing compound by covalently binding to the substrate, and the compound containing an amino group has an amino group at the terminus to which the substrate does not bind.

21. (Previously Presented) The solid support according to claim 19, wherein the amino group-containing compound is polyarylamine.

22. (Previously Presented) The solid support according to claim 17, wherein the thermal conductivity of the solid support is 0.1 W/cm.K or higher.

Claims 23-30. (Cancelled)

31. (New) The solid support according to claim 17, wherein the nucleic acid molecule is immobilized as a spot

32. (New) The solid support according to claim 17, wherein the thickness of the electrostatic layer is 1 micron to 500 microns.